

FIG.1

NAME	EXTENSION NUMBER
YAMAMOTO	5621
SASAKI	5625

FIG. 2

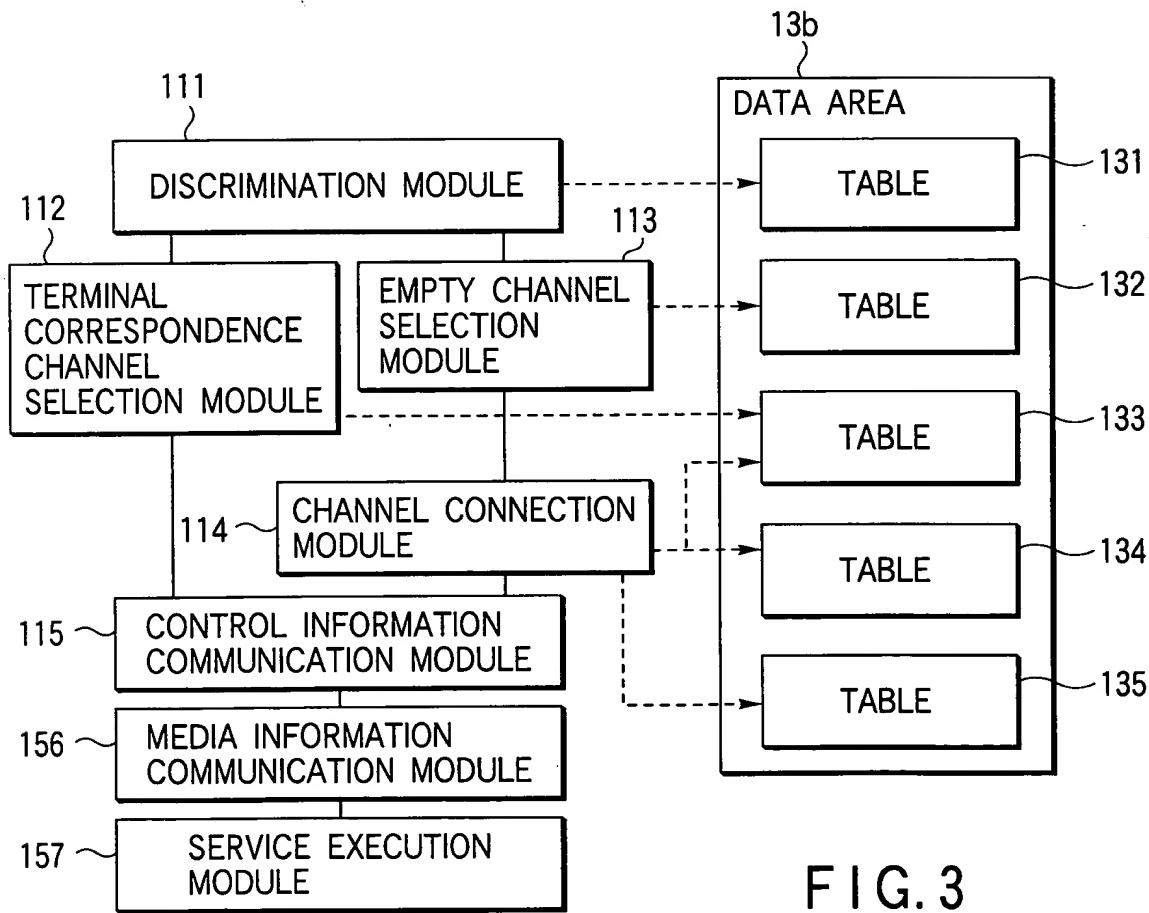
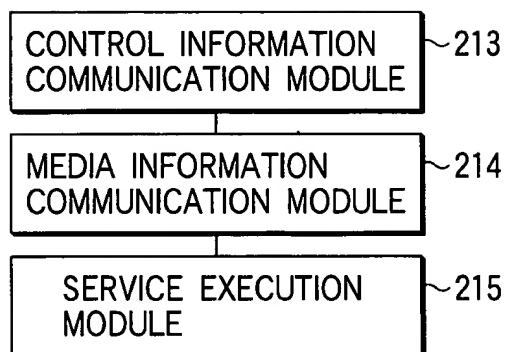


FIG. 3

FIG. 4



SERVICE TYPE	OUTSIDE LINE DIALING	UNNECESSARY
	VOICE DIALING	NECESSARY
	CONVERSATION RECORDING	NECESSARY
	BUILT-IN ATTENDANT	UNNECESSARY
	VOICE MAIL	NECESSARY
	⋮	⋮

FIG. 5

MEDIA BUS LOGICAL CHANNEL NUMBER	000	EMPTY
	001	EMPTY
	002	BUSY
	⋮	⋮
	XXX	EMPTY

FIG. 6

TERMINAL [000]	MEDIA BUS LOGICAL CHANNEL	010
TERMINAL [001]		011
TERMINAL [002]		012
⋮		
TERMINAL [00n]		XXX

FIG. 7

MEDIA BUS LOGICAL CHANNEL NUMBER	000	TIME SWITCH OUTPUT CHANNEL NUMBER	
MEDIA BUS LOGICAL CHANNEL NUMBER	001		
⋮			
	010	TIME SWITCH OUTPUT CHANNEL NUMBER	700
	011		701
	012		702
⋮			
	XXX		n

FIG. 8

MEDIA BUS LOGICAL CHANNEL NUMBER	000	TIME SWITCH INPUT-SIDE CHANNEL NUMBER	500
	001		501
	002		502
⋮			
	XXX		n

FIG. 9

FIG. 10 is a block diagram of a media information communication path 4.

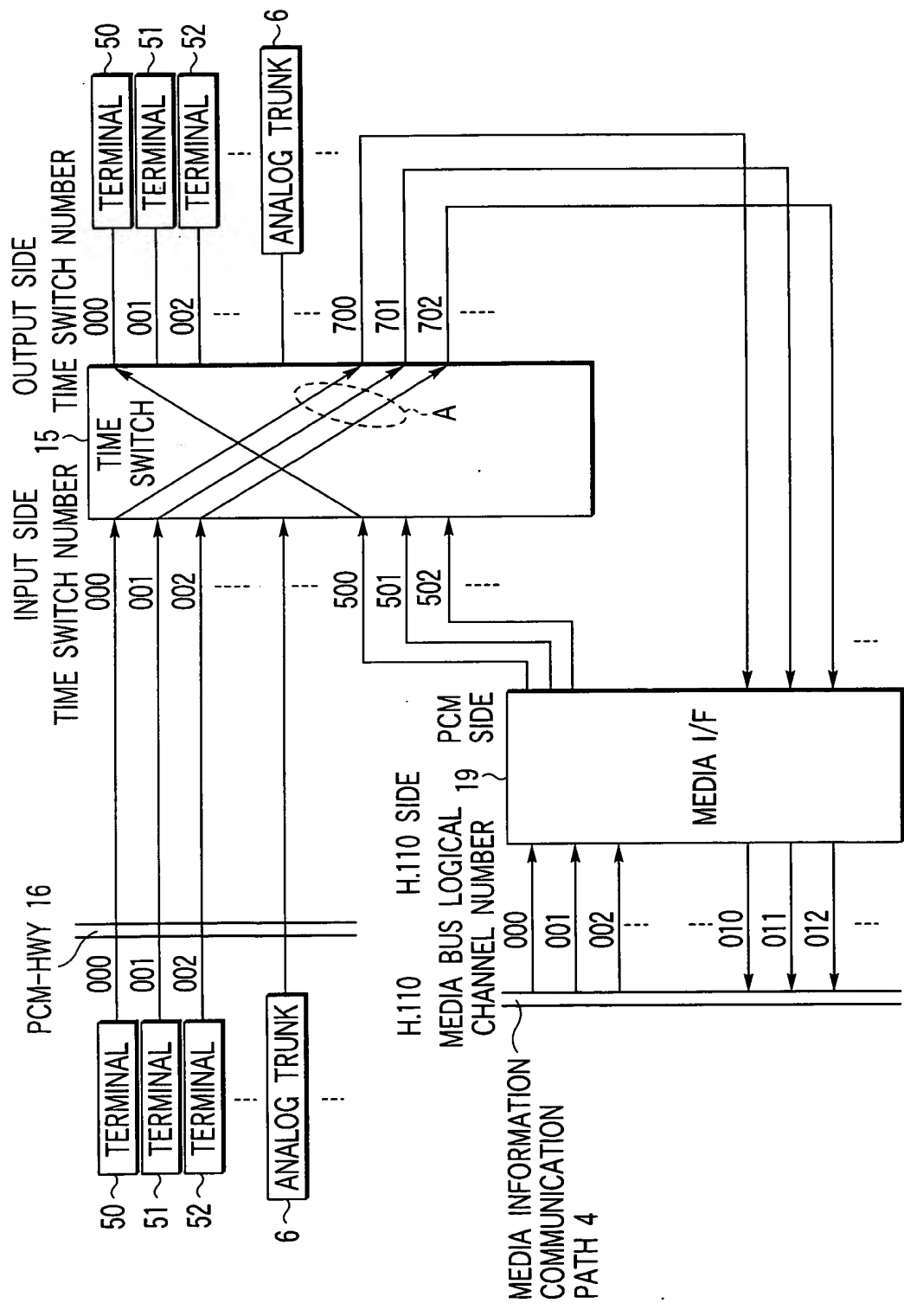


FIG. 10

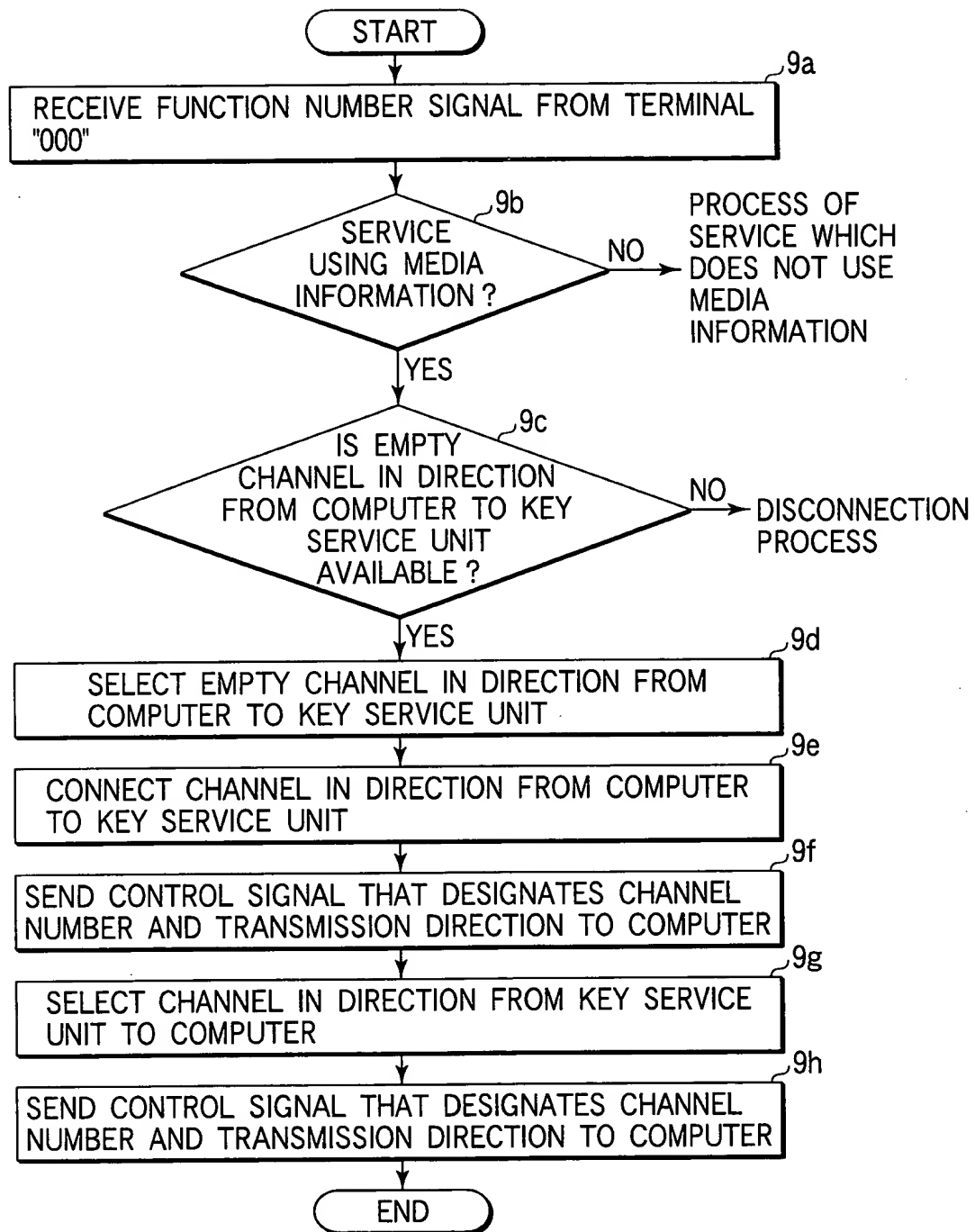


FIG. 11

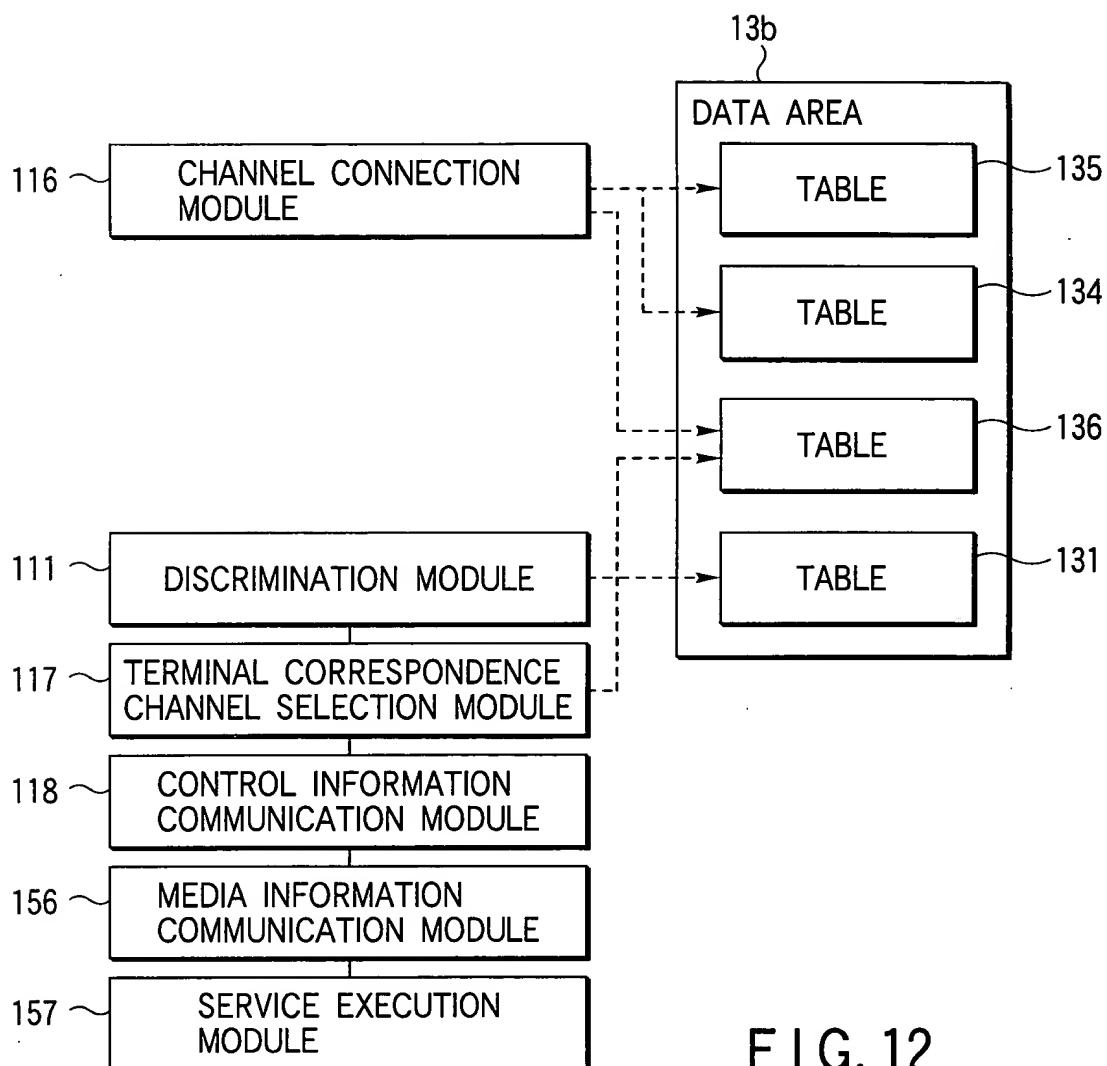


FIG. 12

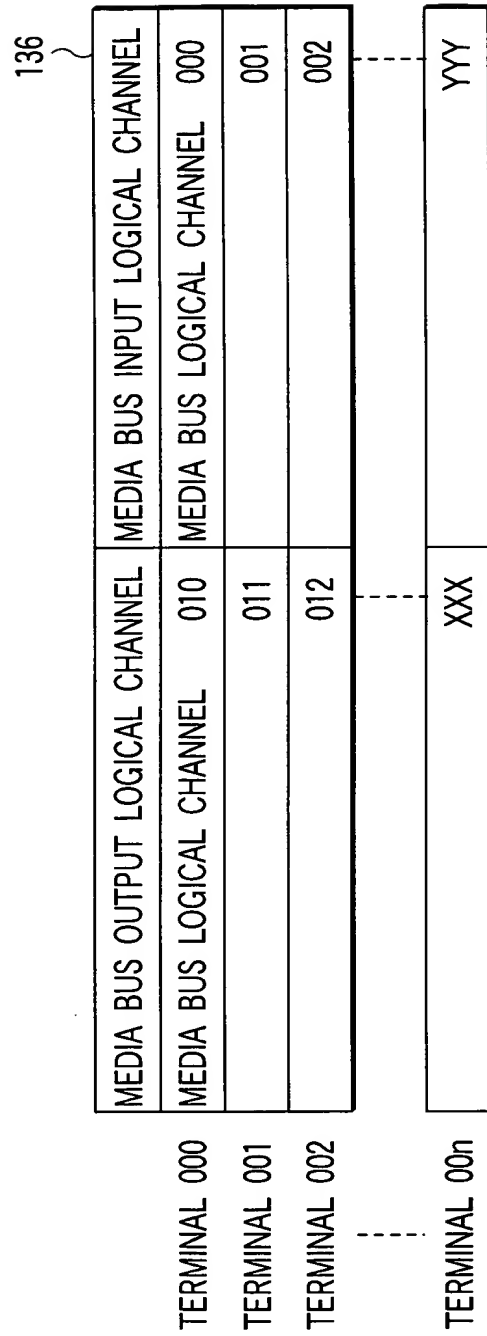


FIG. 13

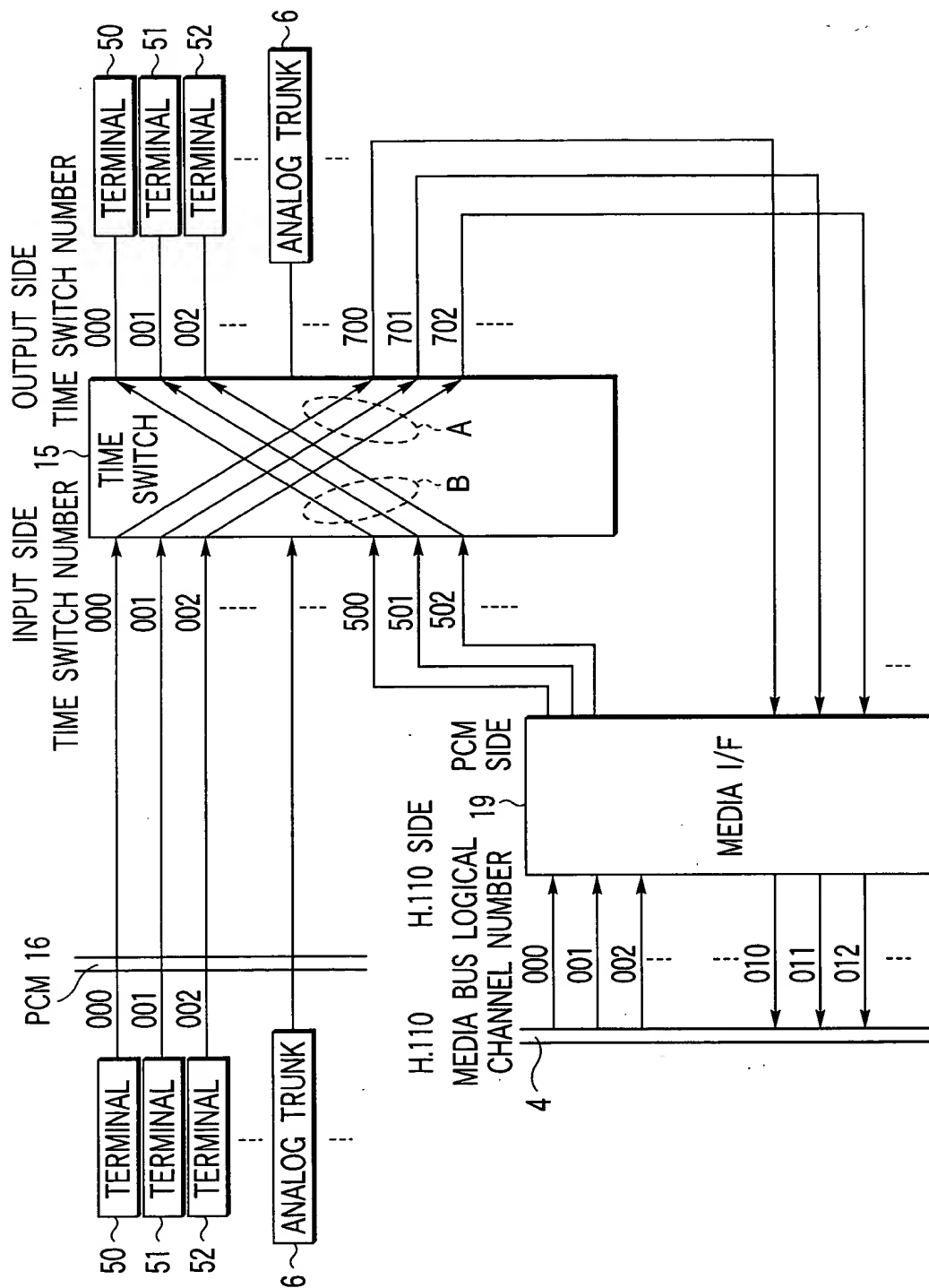


FIG.14

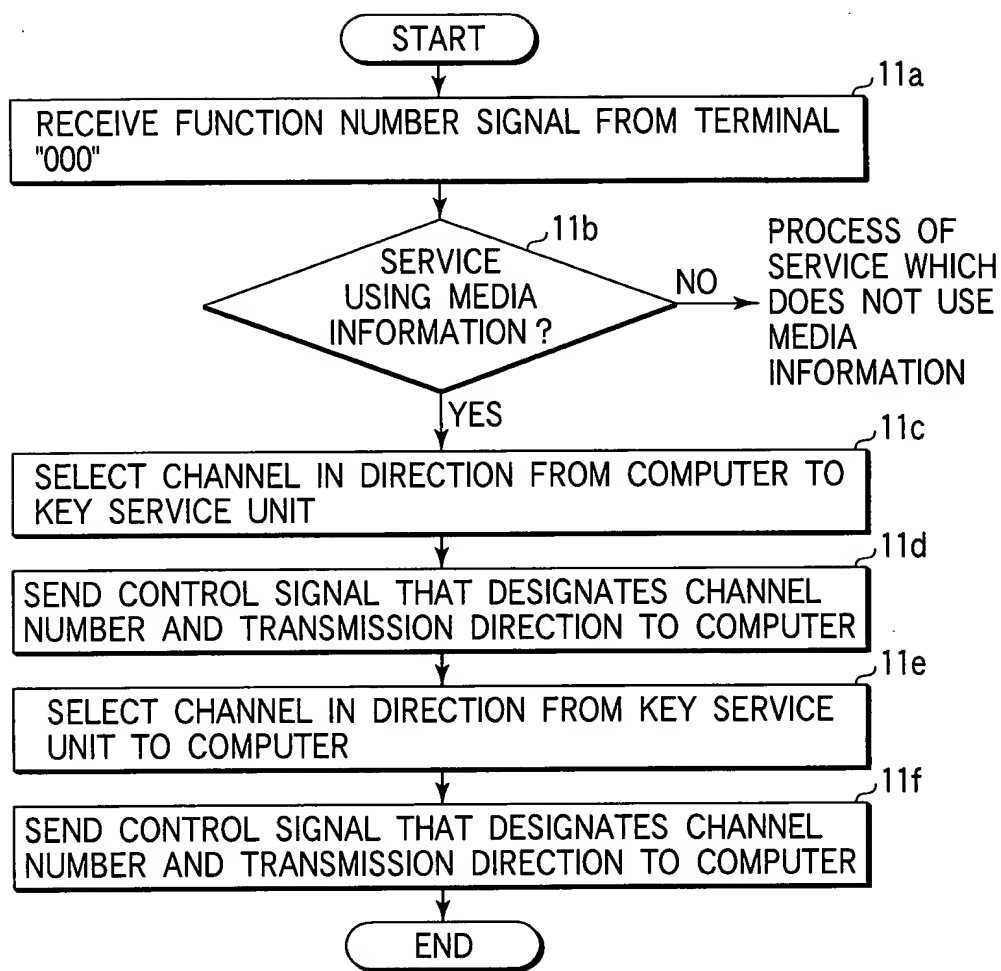


FIG. 15

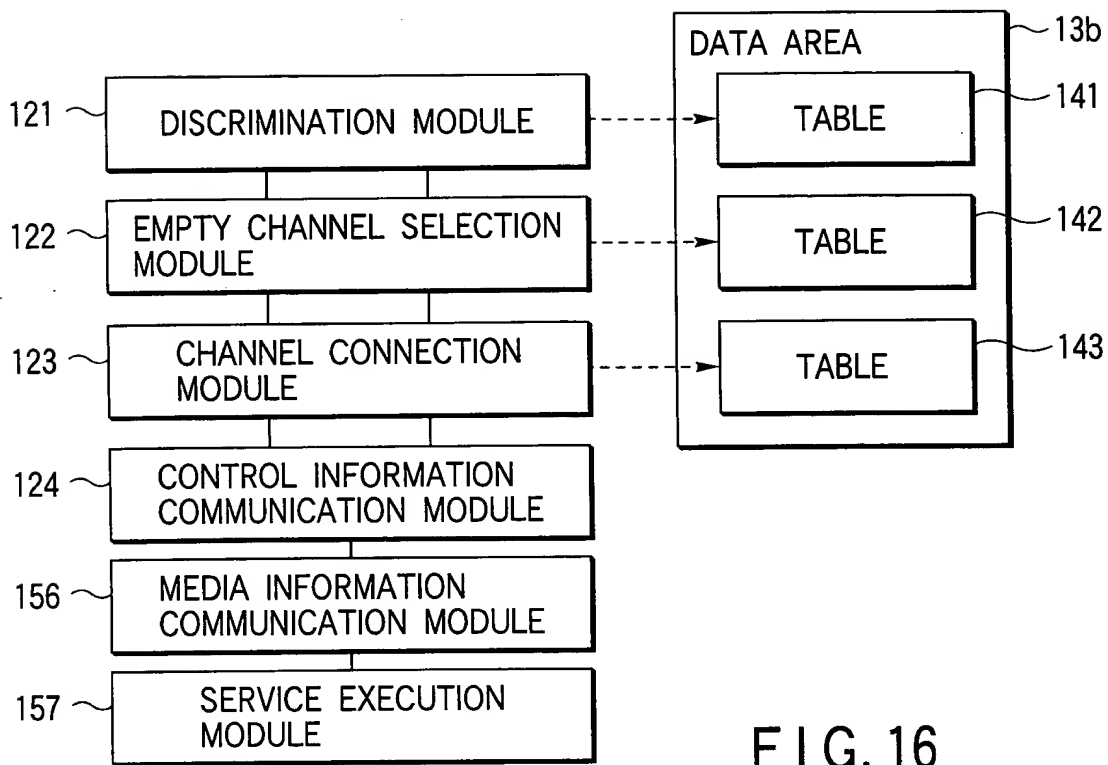


FIG. 16

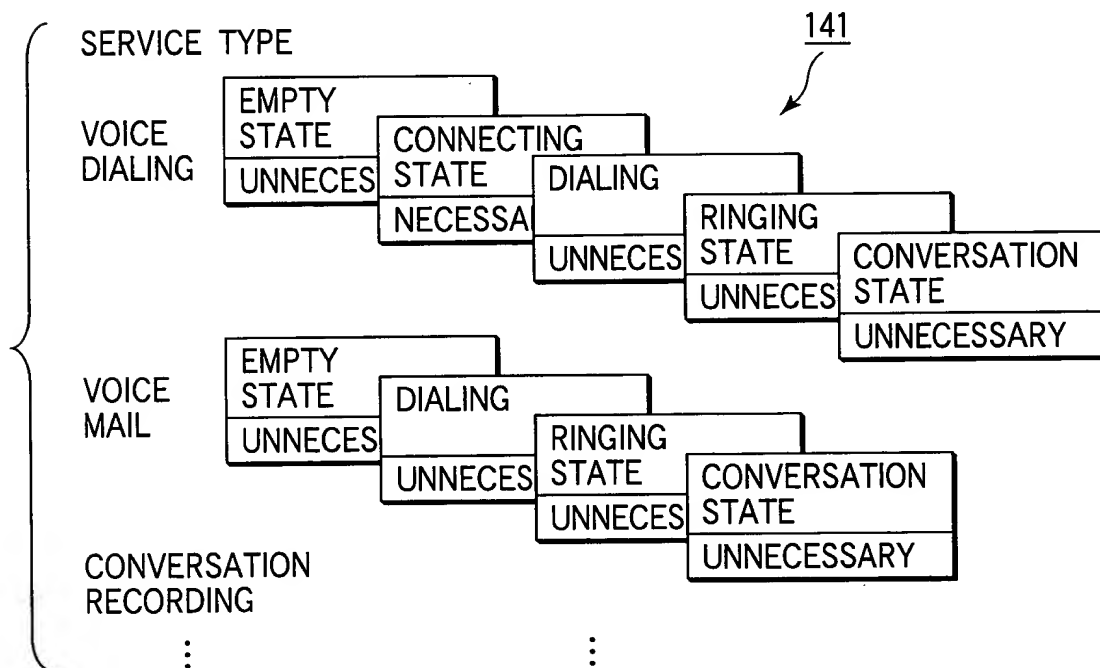


FIG. 17

MEDIA BUS LOGICAL
CHANNEL NUMBER

000

001

002

⋮

009

BUSY
BUSY
EMPTY
EMPTY

FIG. 18

MEDIA BUS LOGICAL
CHANNEL NUMBER

010

011

012

⋮

019

BUSY
EMPTY
EMPTY
EMPTY

FIG. 19

MEDIA BUS LOGICAL
CHANNEL NUMBER

000

001

002

⋮

009

010

011

⋮

019

TIME SWITCH INPUT CHANNEL NUMBER	500
	501
	502
	509
TIME SWITCH OUTPUT CHANNEL NUMBER	700
	701
	719

143

⌋

FIG. 20

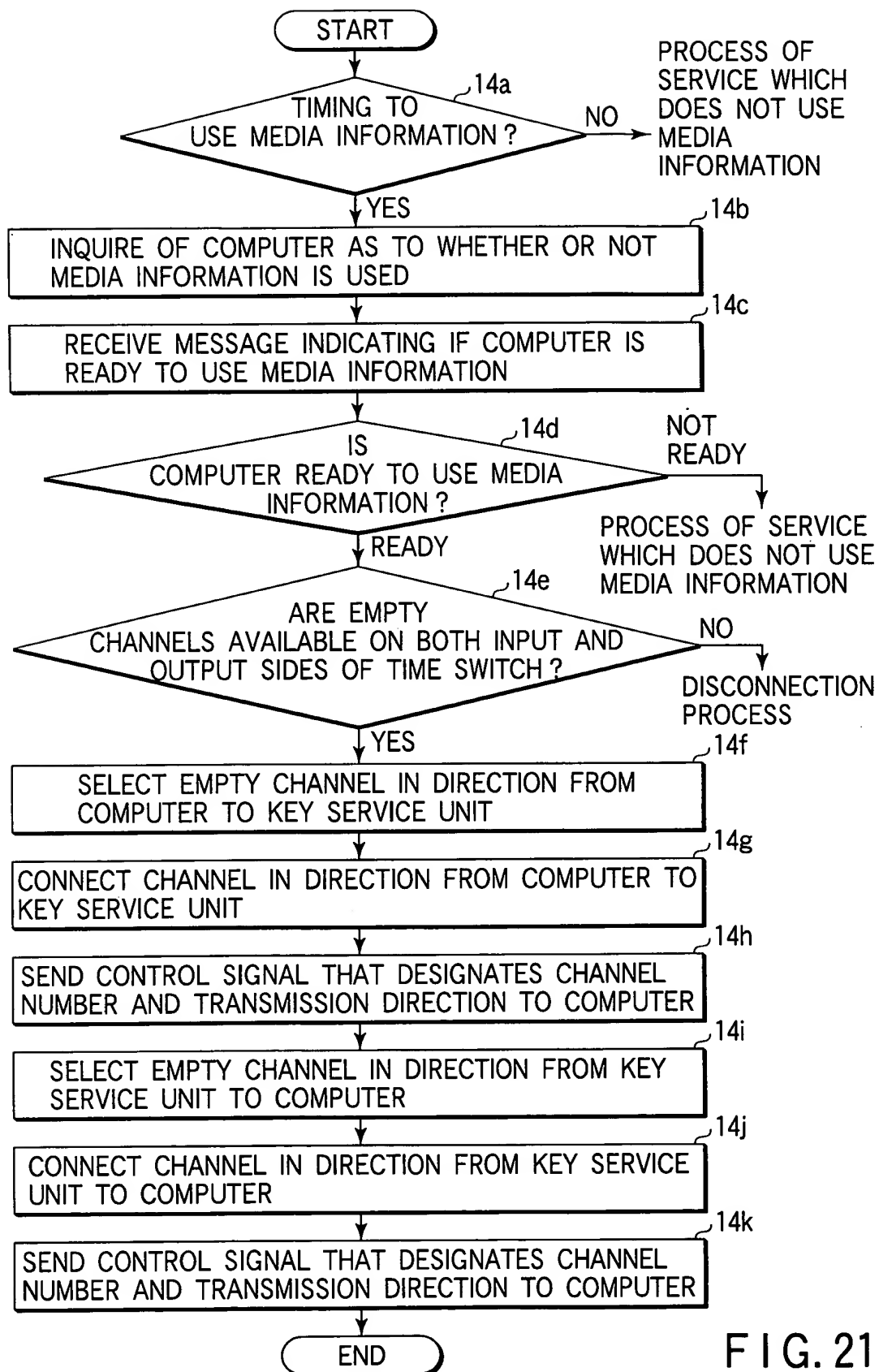


FIG. 21

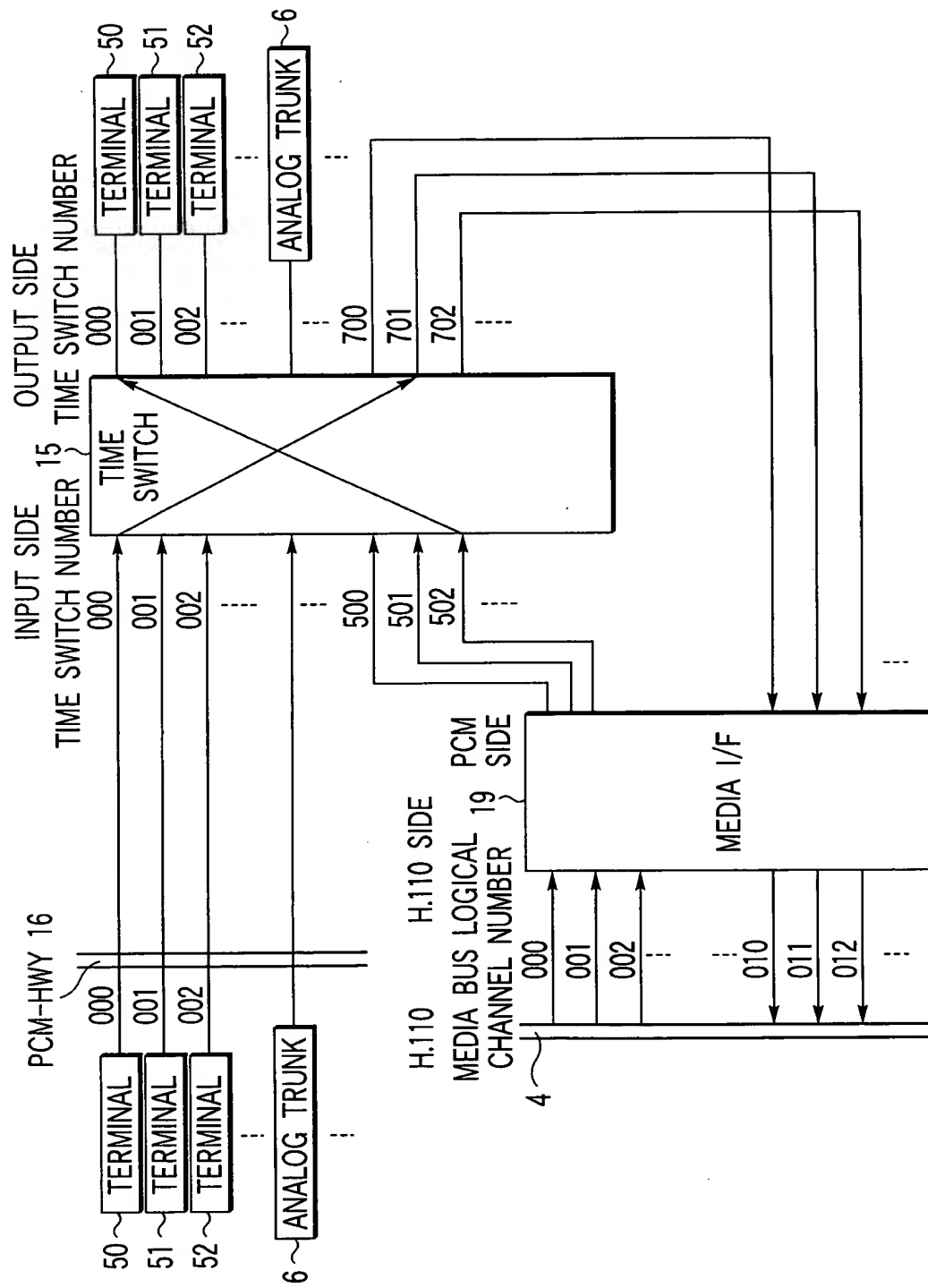


FIG. 22

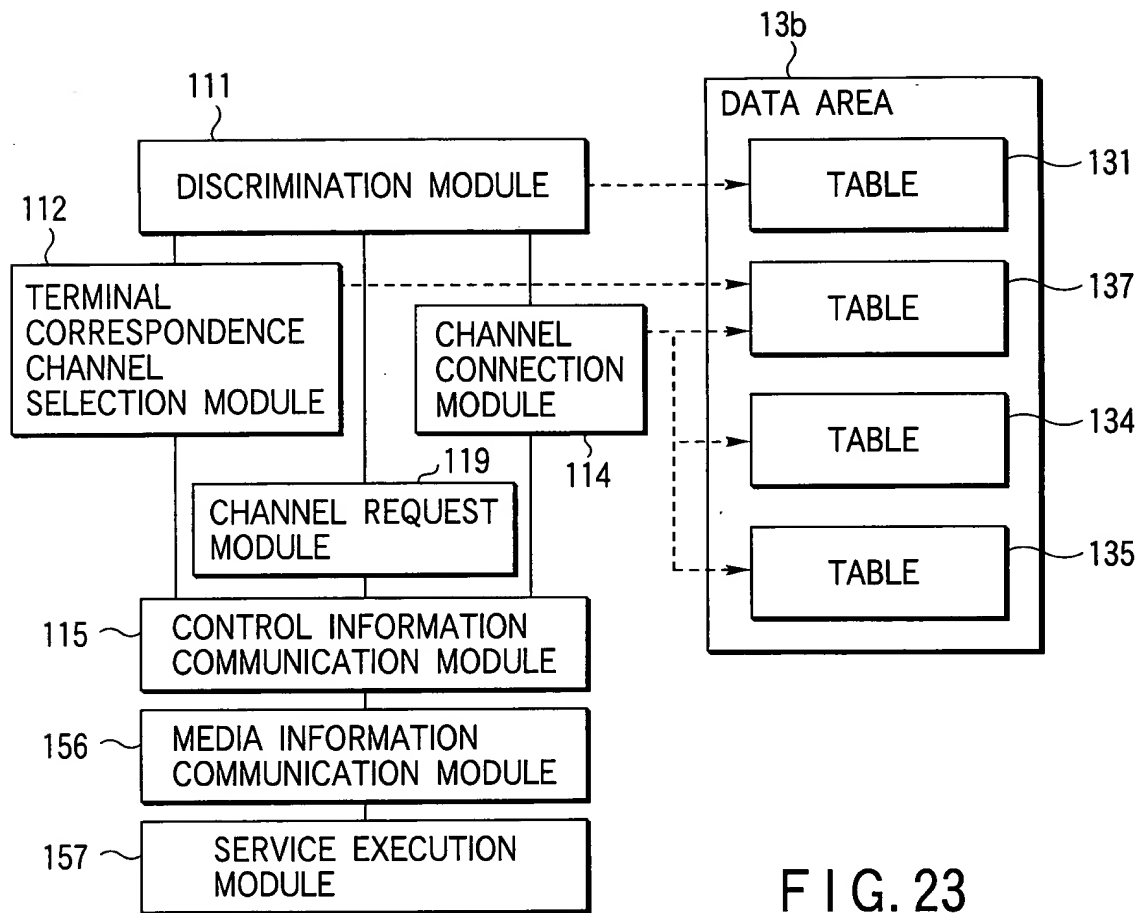


FIG. 23

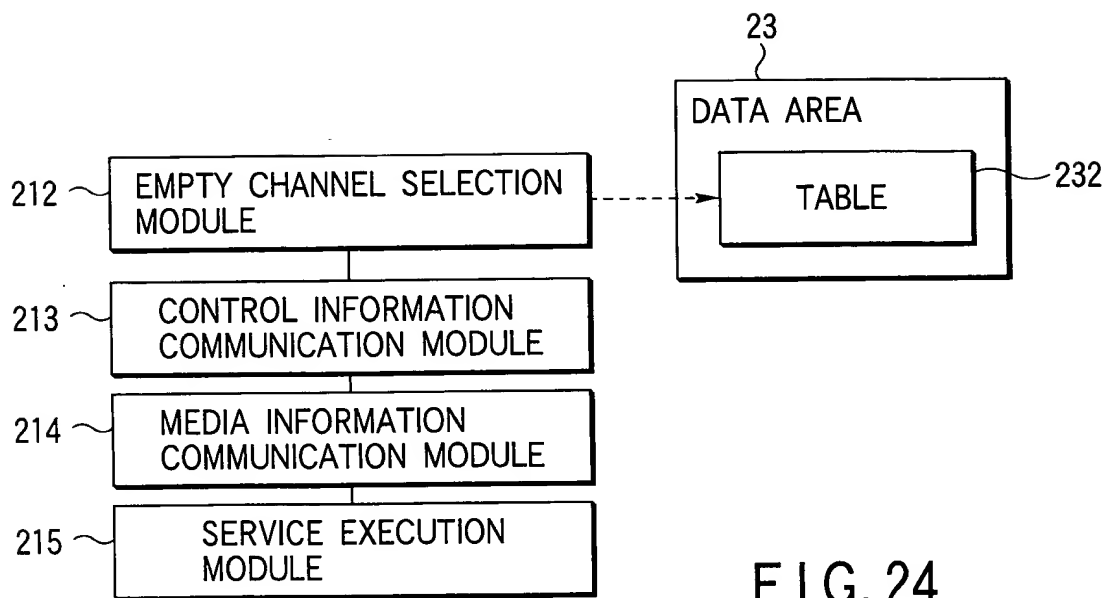


FIG. 24

TERMINAL 000	MEDIA BUS LOGICAL CHANNEL	000
TERMINAL 001		001
TERMINAL 002		002
...		
TERMINAL 00n		XXX

FIG. 25

MEDIA BUS LOGICAL CHANNEL NUMBER	000	EMPTY
	001	EMPTY
	002	BUSY

	XXX	EMPTY

FIG. 26

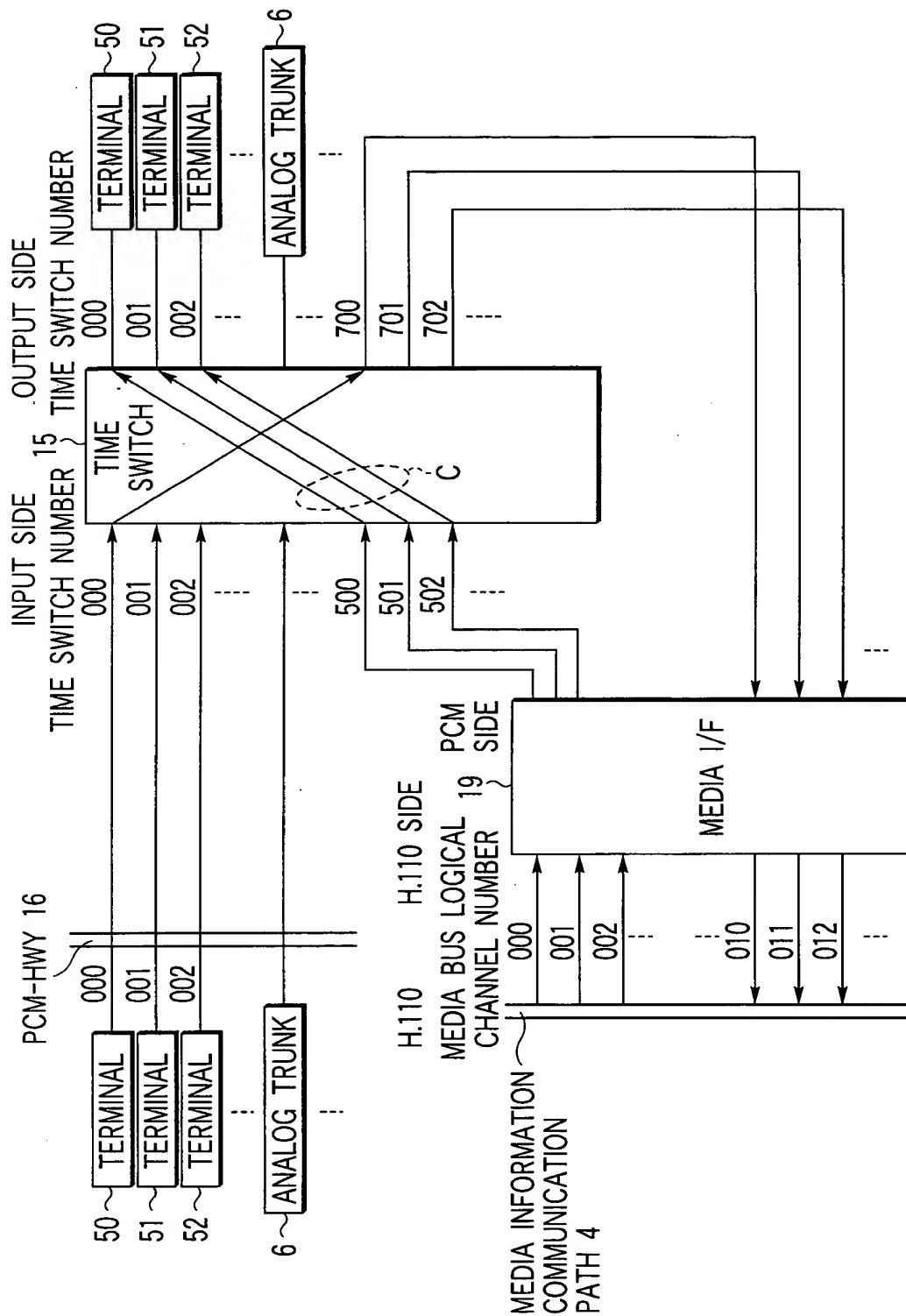


FIG.27

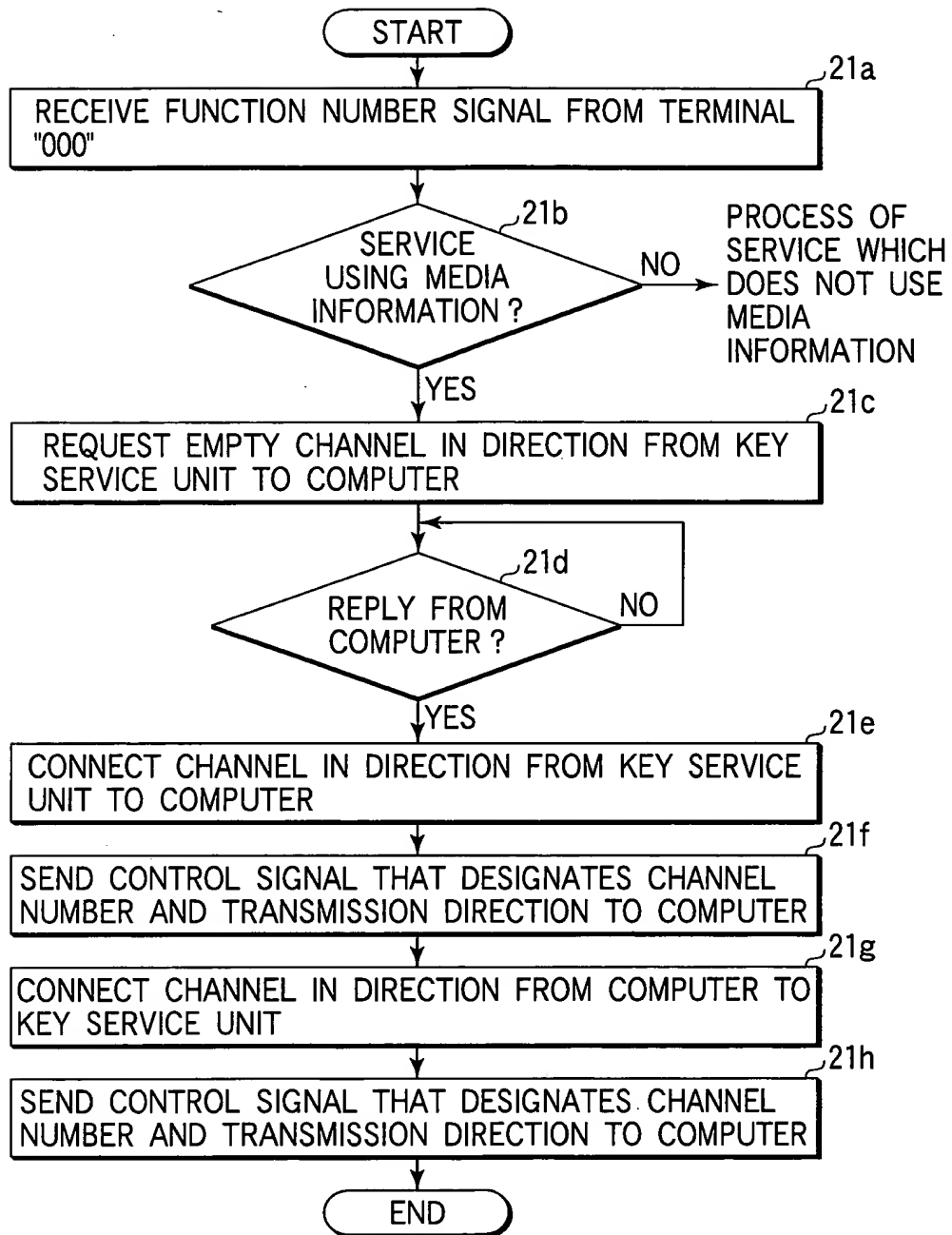


FIG. 28

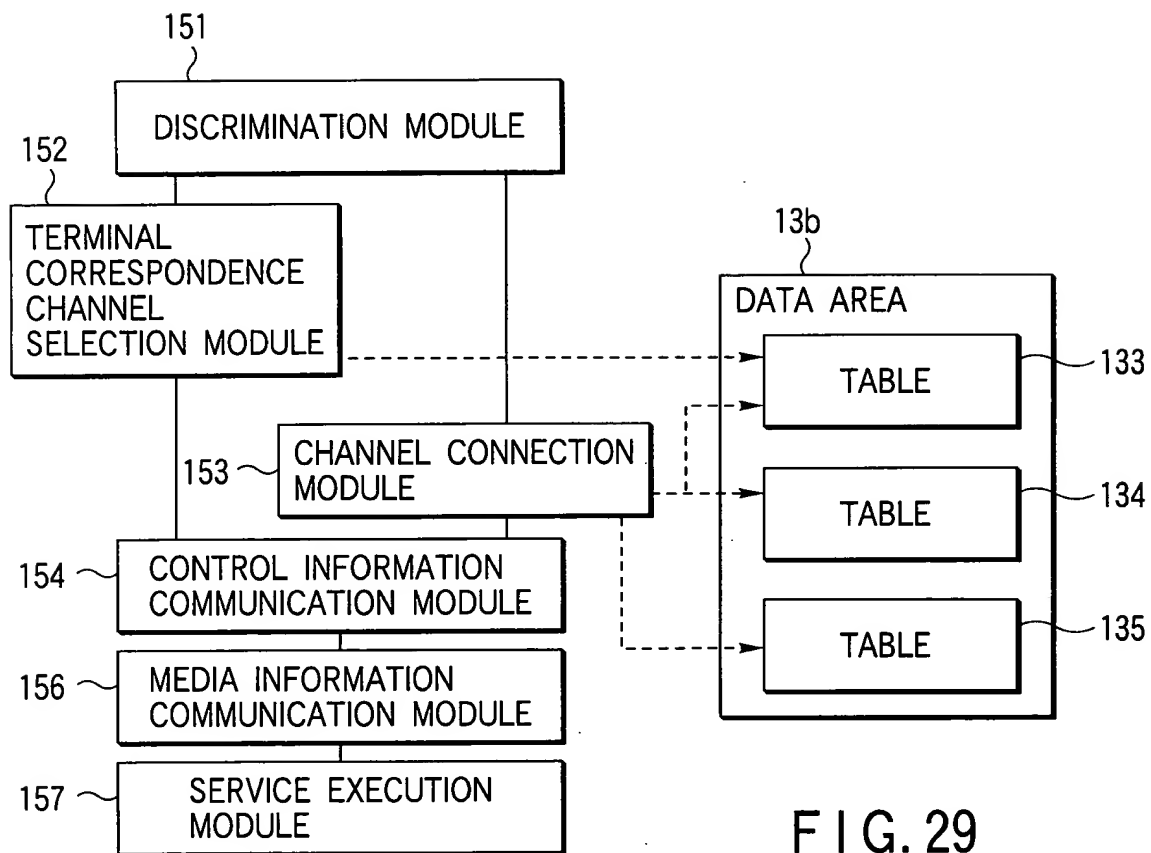


FIG. 29

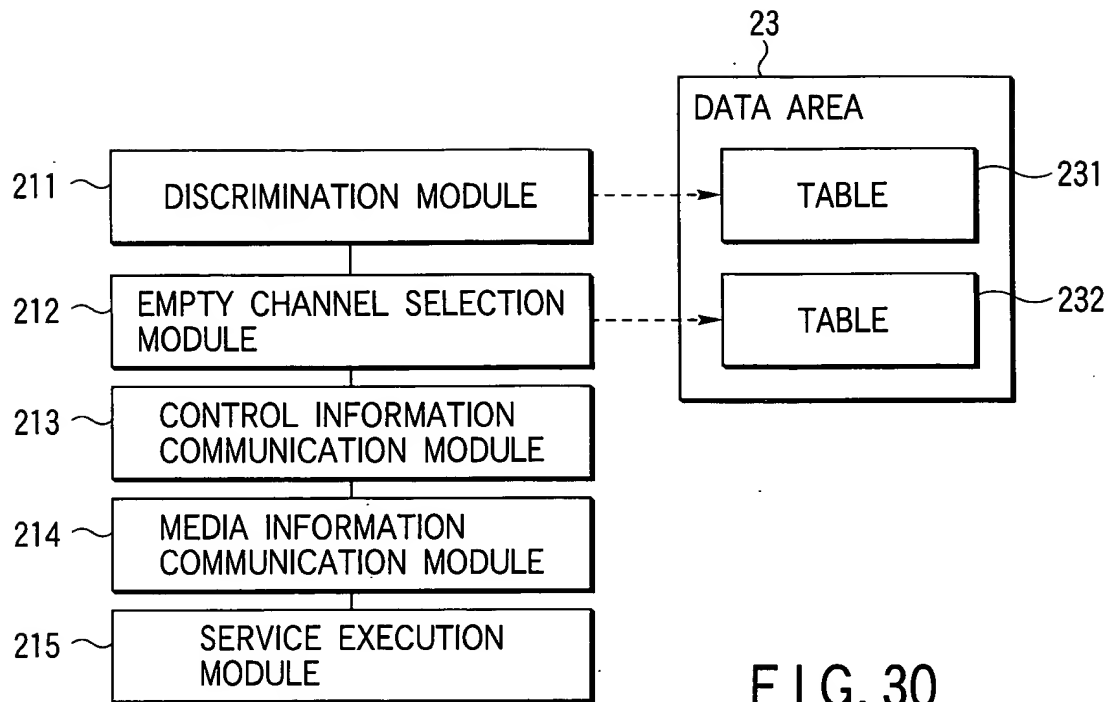


FIG. 30

SERVICE TYPE	OUTSIDE LINE DIALING	UNNECESSARY
	VOICE DIALING	NECESSARY
	CONVERSATION RECORDING	NECESSARY
	ATTENDANT	UNNECESSARY
	VOICE MAIL	NECESSARY

FIG. 31

KEY SERVICE UNIT CONTROL FLOW CHART

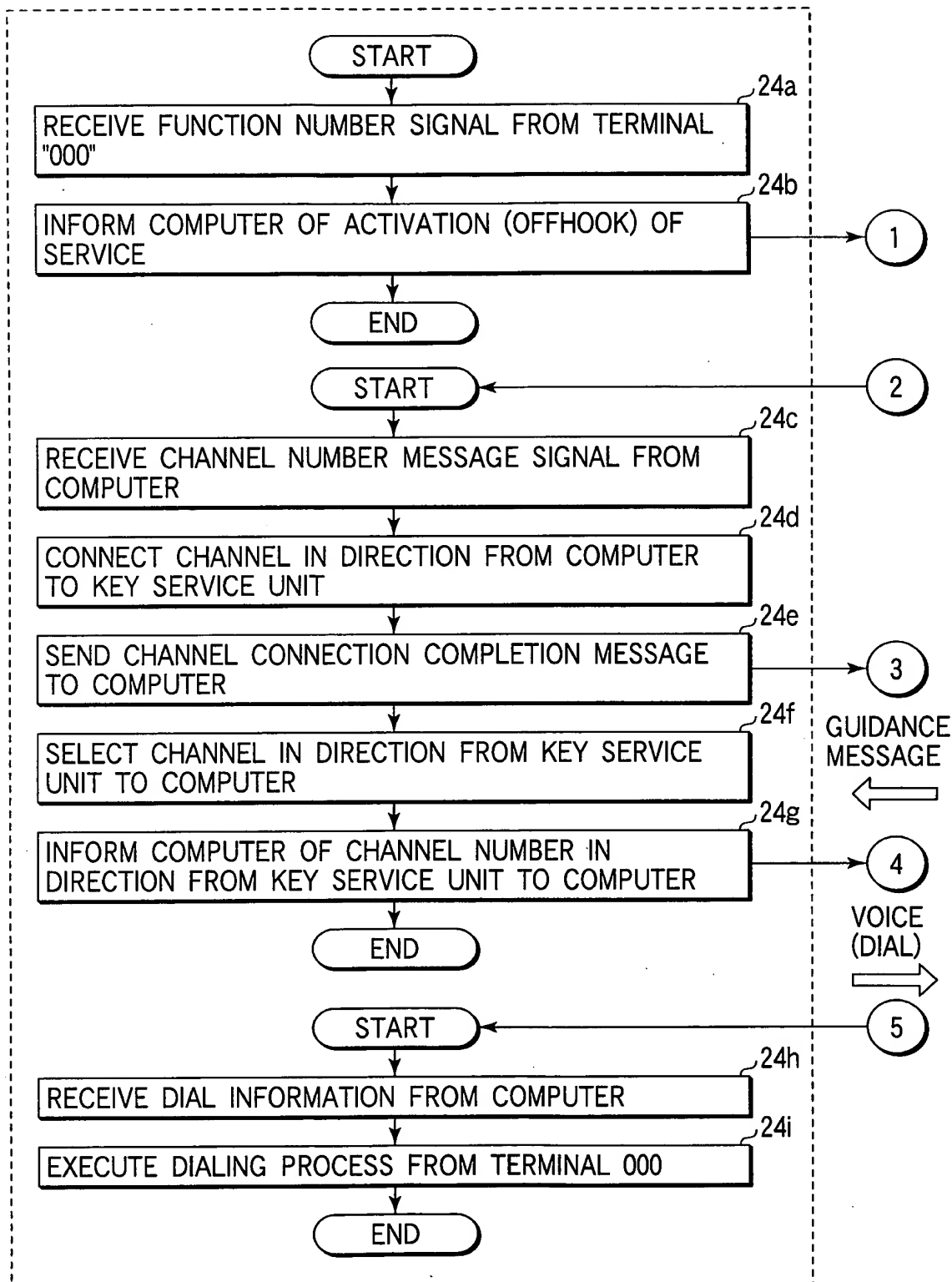


FIG. 32A

COMPUTER CONTROL FLOW CHART

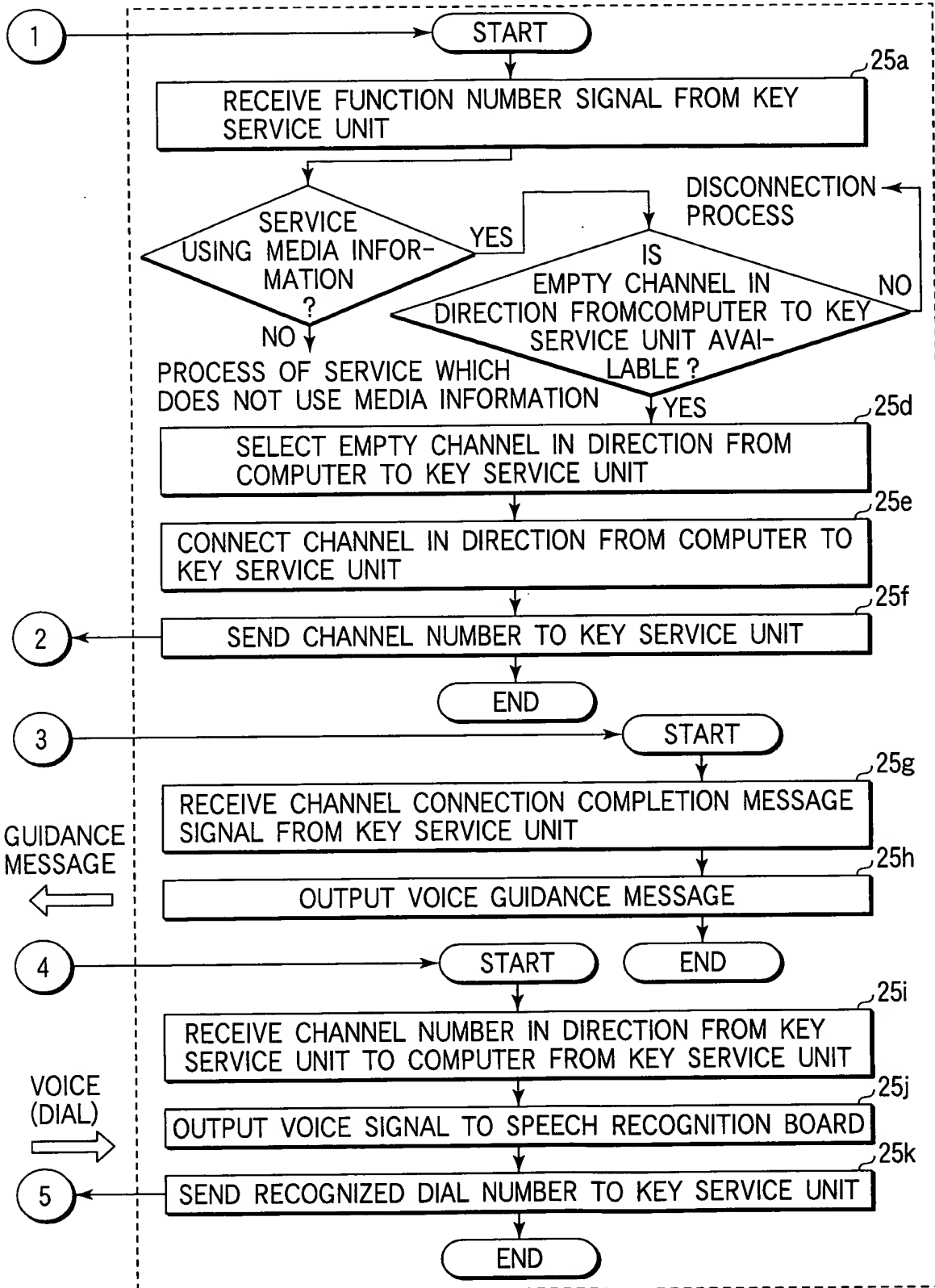


FIG. 32B

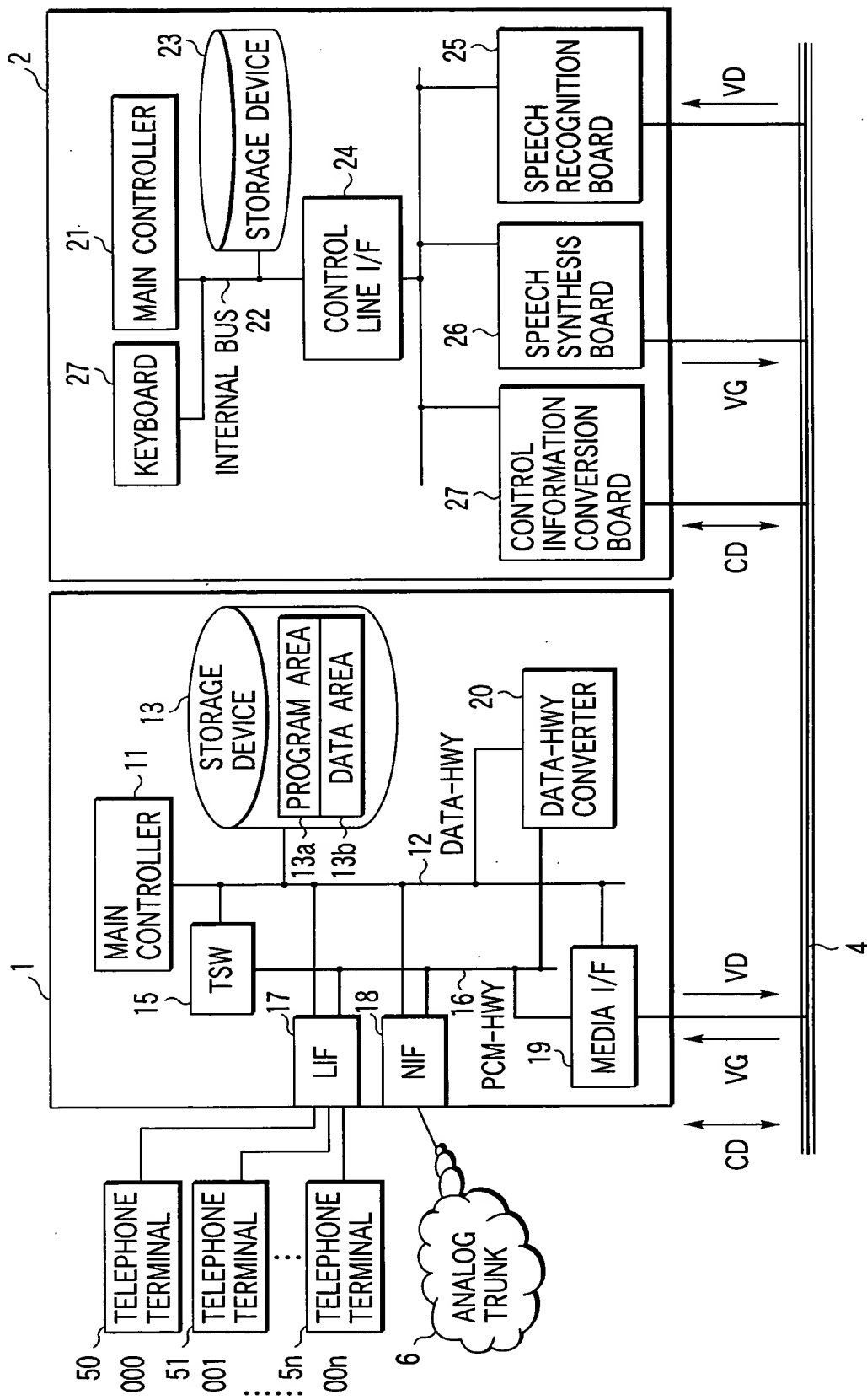


FIG. 33

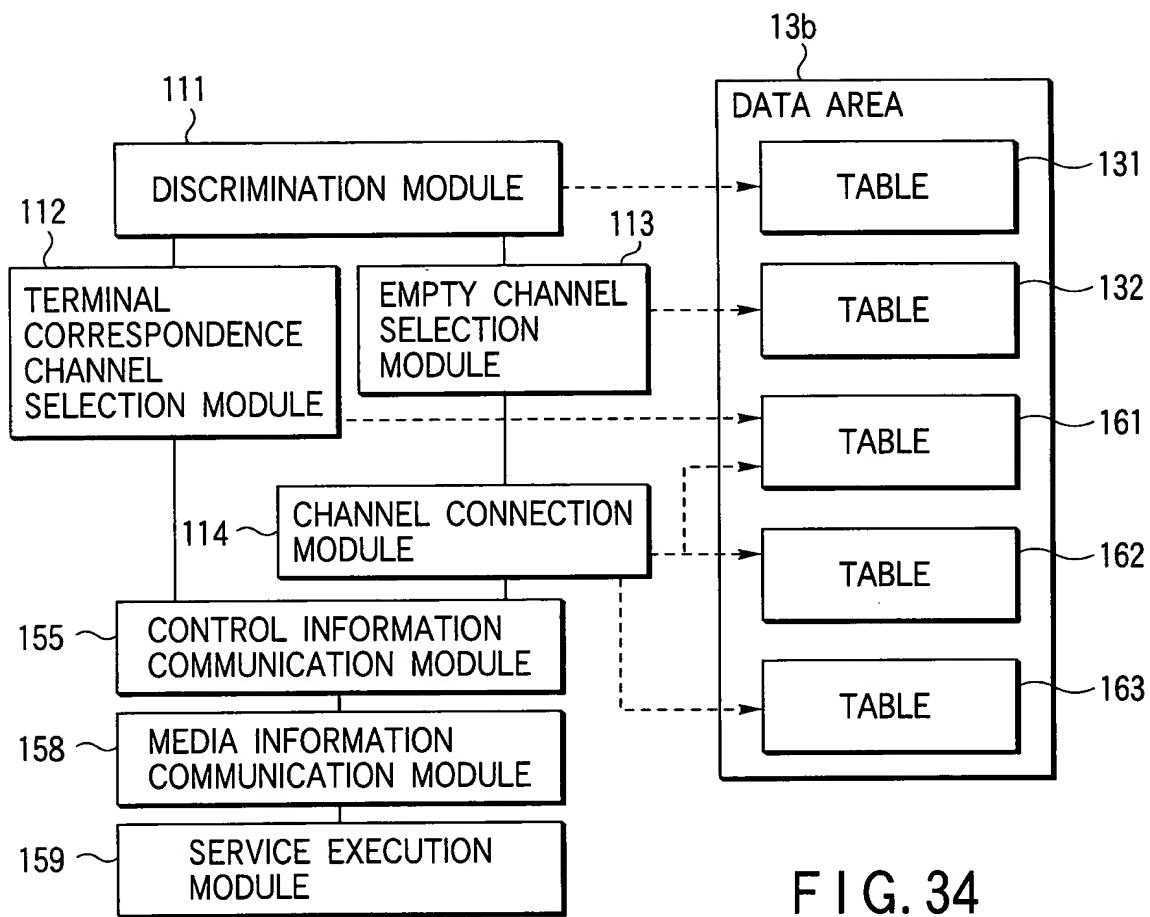


FIG. 34

TERMINAL CORRESPONDENCE TABLE

TERMINAL 000	MEDIA BUS LOGICAL CHANNEL	010
TERMINAL 001		011
TERMINAL 002		012
...		...
TERMINAL 00n		XXX

FIG. 35

DATA HIGHWAY CORRESPONDANCE TABLE

DHWY		015
------	--	-----

FIG. 36

MEDIA BUS LOGICAL CHANNEL NUMBER	000	TIME SWITCH OUTPUT CHANNEL NUMBER	162
MEDIA BUS LOGICAL CHANNEL NUMBER	001		
...	...		
	010	TIME SWITCH OUTPUT CHANNEL NUMBER	700
	011		701
	012		702
...	...		
	015		705
...	...		
	XXX		n

FIG. 37

MEDIA BUS LOGICAL CHANNEL NUMBER

000	TIME SWITCH OUTPUT CHANNEL NUMBER	500
001		501
002		503
...		
005		505
...		
XXX		

163

FIG. 38

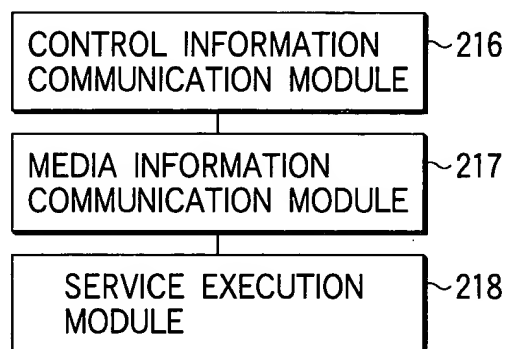


FIG. 39

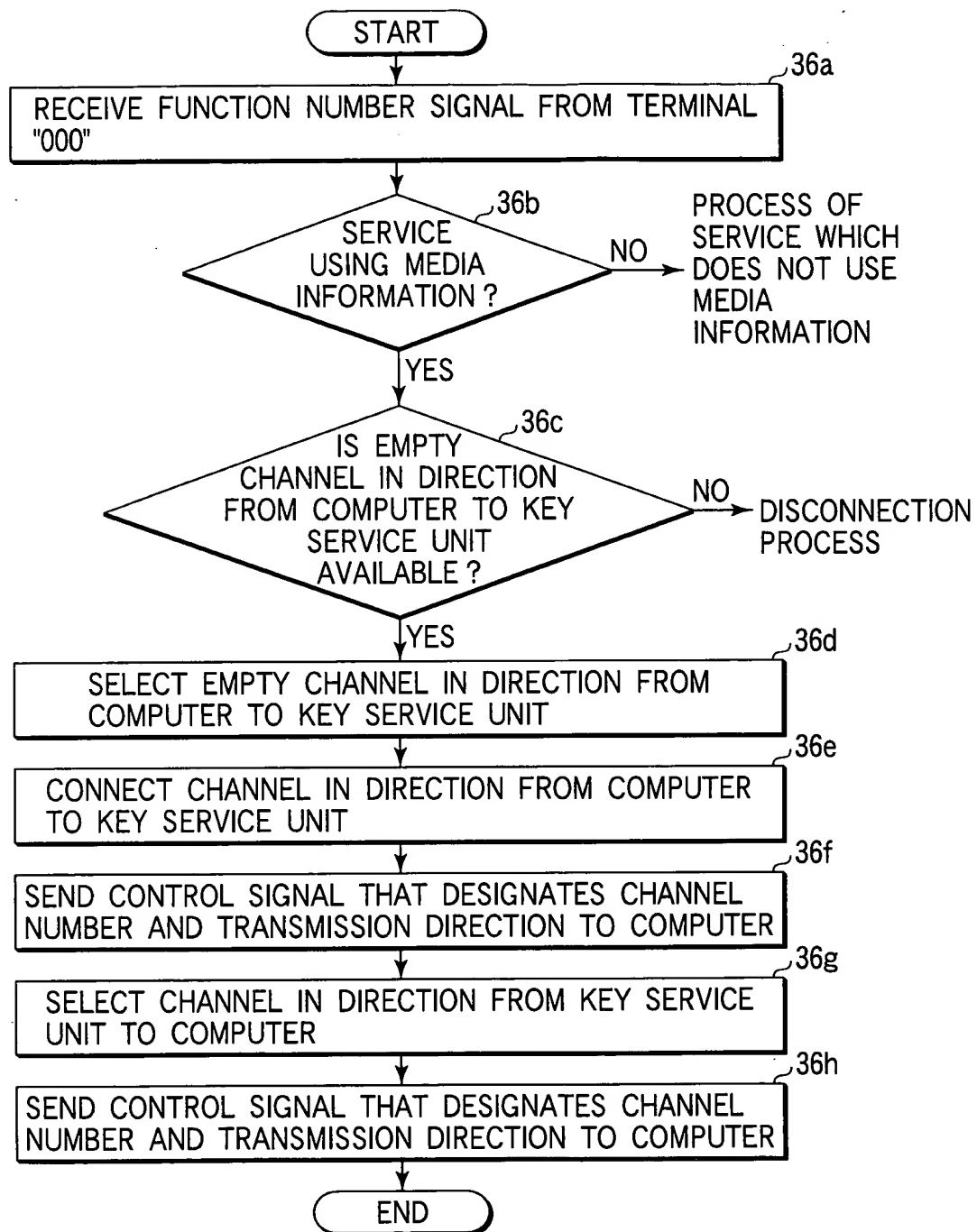


FIG. 40

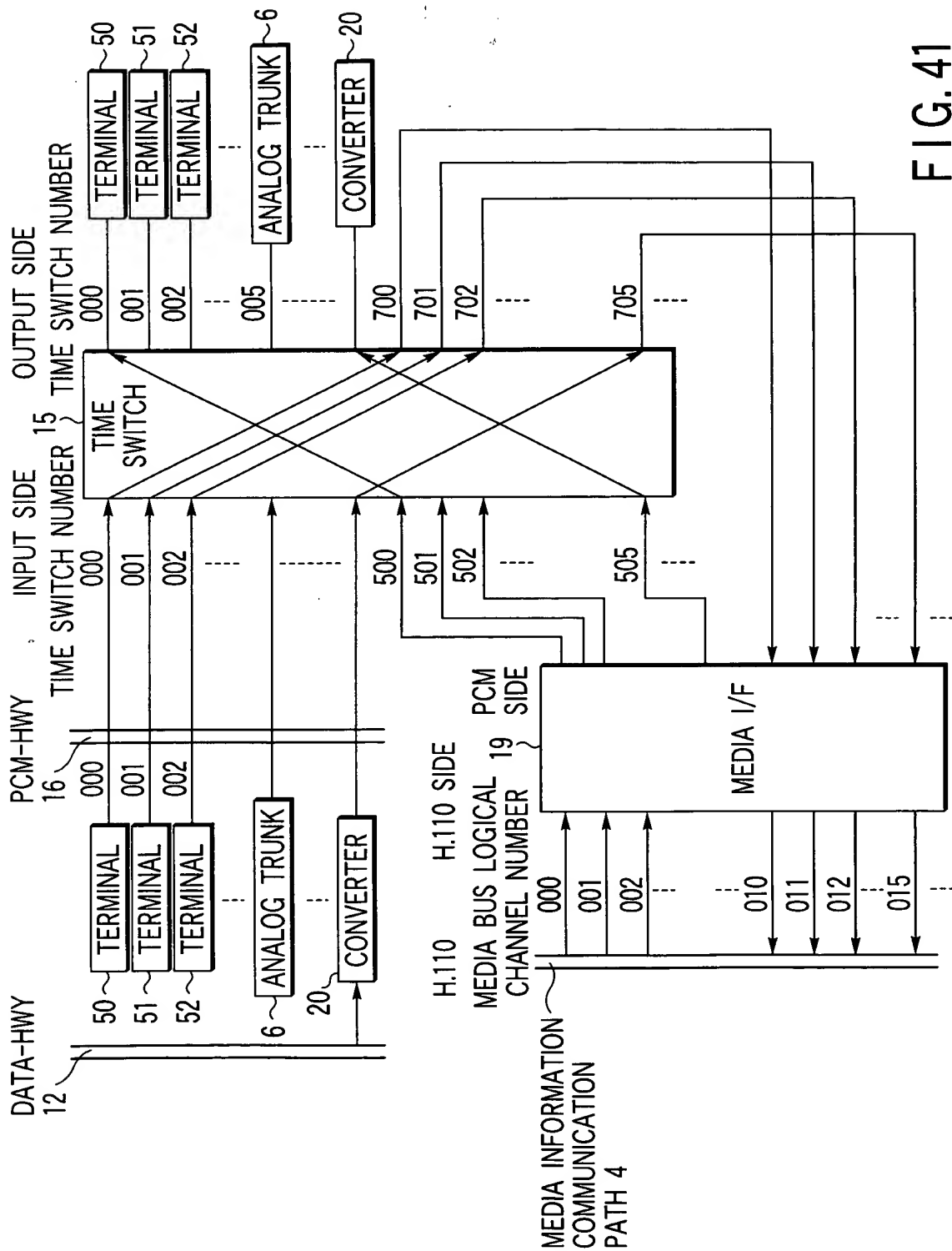


FIG. 41